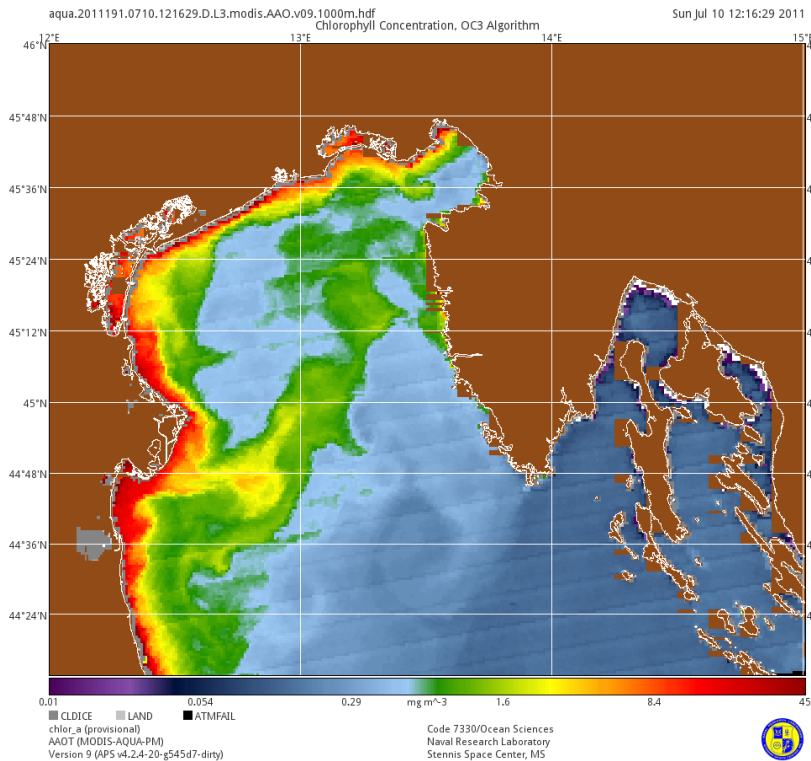


Venice

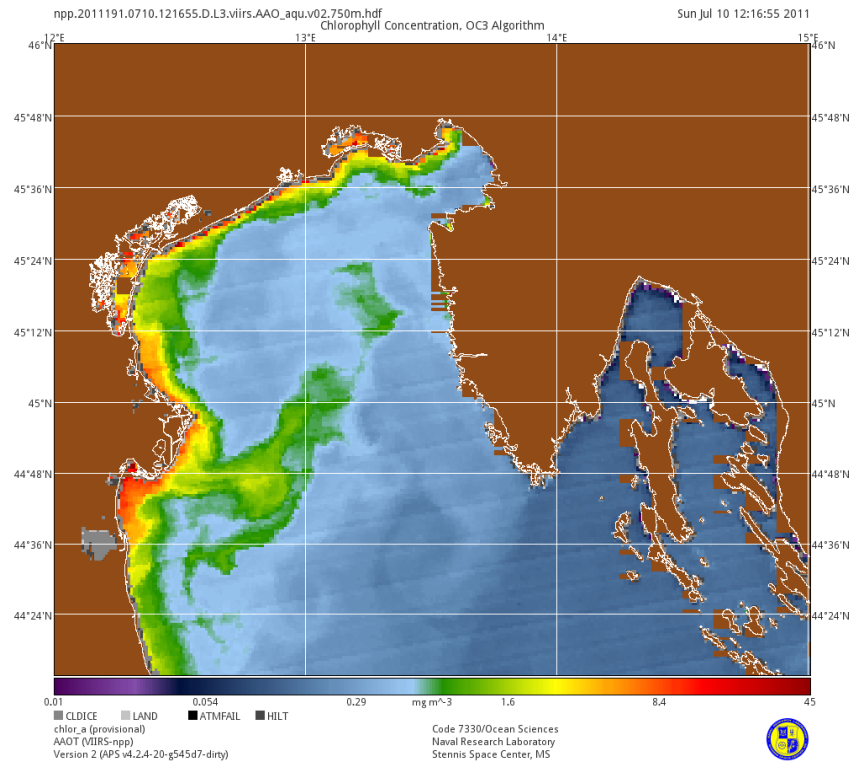
- Rehearsal
- July 10th, 2011 image
- GTP access has been down since Friday (July 15th)

Chlorophyll-a and a_443 Image
Difference and scatter plot examples

July 20th, 2011



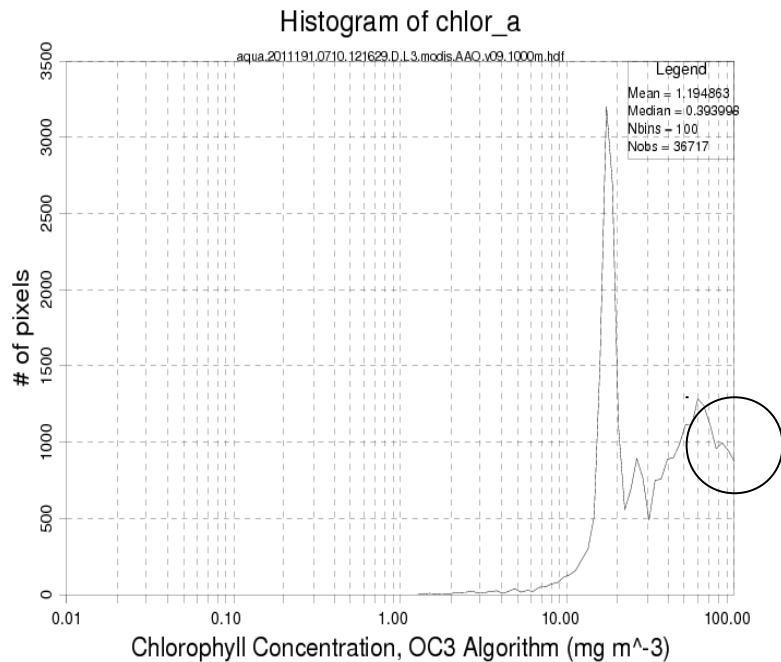
MODIS/Aqua
Chlorophyll-a (mg m^{-3})
OC3 Algorithm



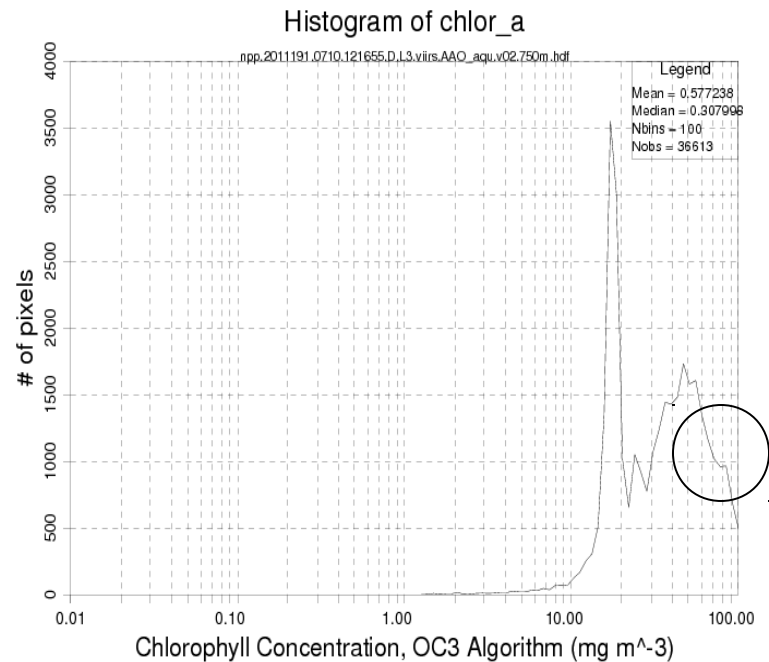
VIIRS
Chlorophyll-a (mg m^{-3})
OC3 Algorithm

7/21/11

July 20th, 2011



MODIS/Aqua
Chlorophyll-a (mg m^{-3})
OC3 Algorithm

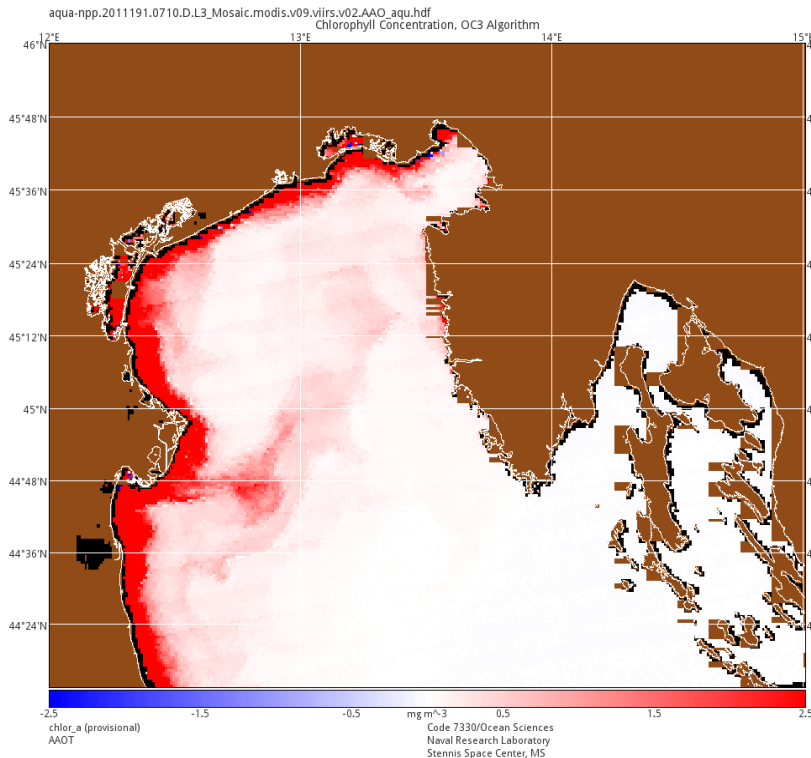


VIIRS
Chlorophyll-a (mg m^{-3})
OC3 Algorithm

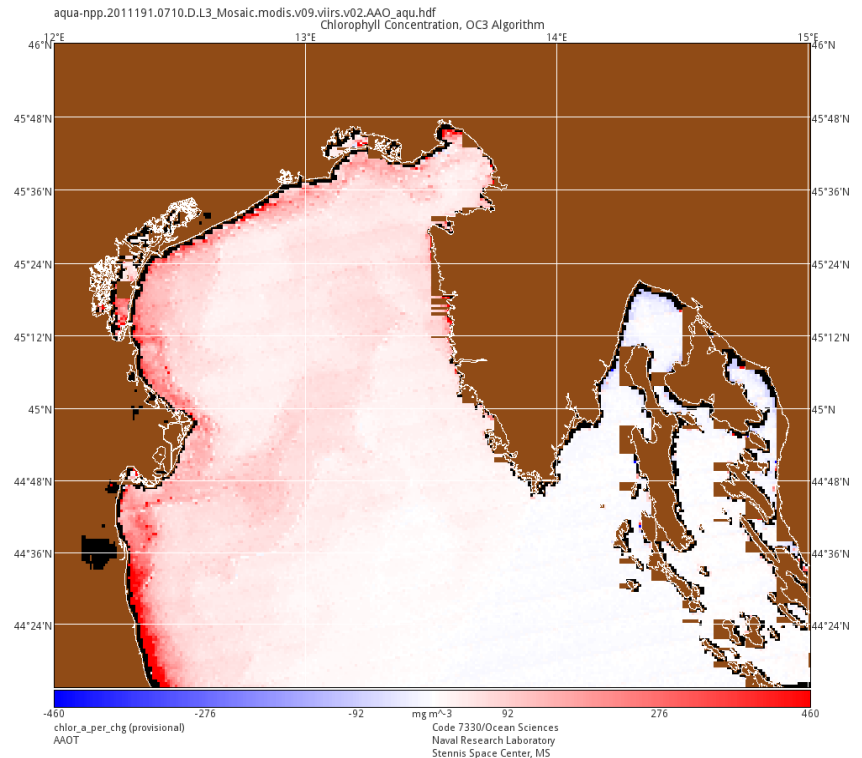
MODIS has many more high chlor_a values than VIIRS

7/21/11

July 20th, 2011



VIIRS - MODIS/Aqua
Chlorophyll-a (mg m^{-3})
Simple Difference

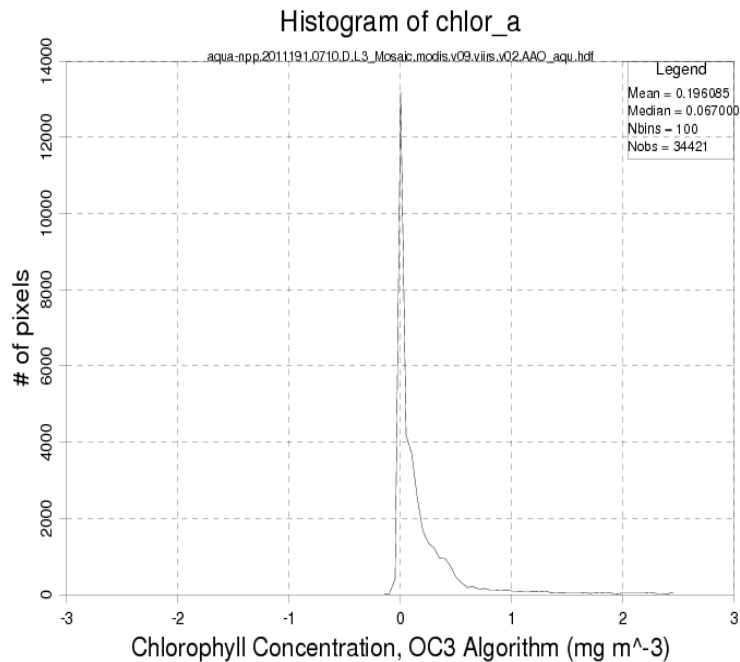


(VIIRS - MODIS)/MODIS
Chlorophyll-a (mg m^{-3})
Percentage Difference

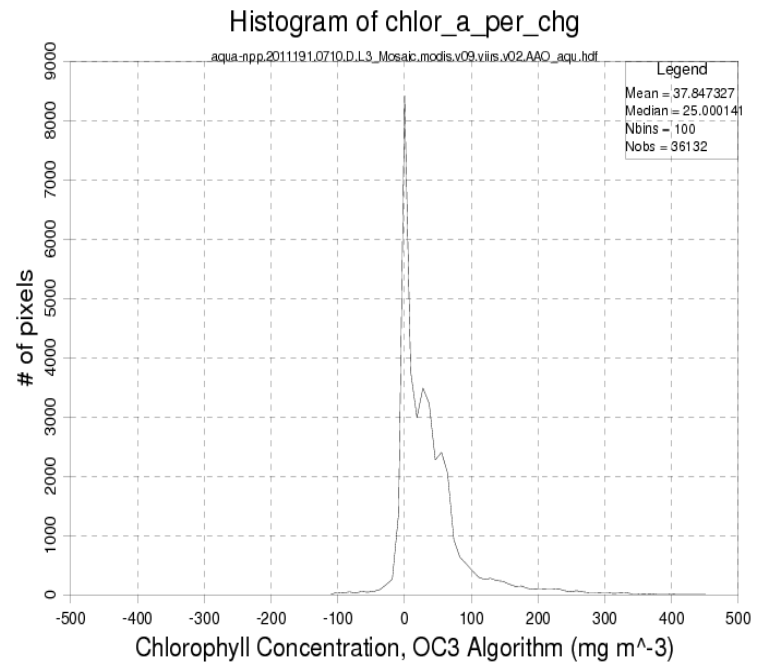
MODIS has many more high chlor_a values than VIIRS

7/21/11

July 20th, 2011



VIIRS - MODIS/Aqua
Chlorophyll-a (mg m^{-3})
Simple Difference

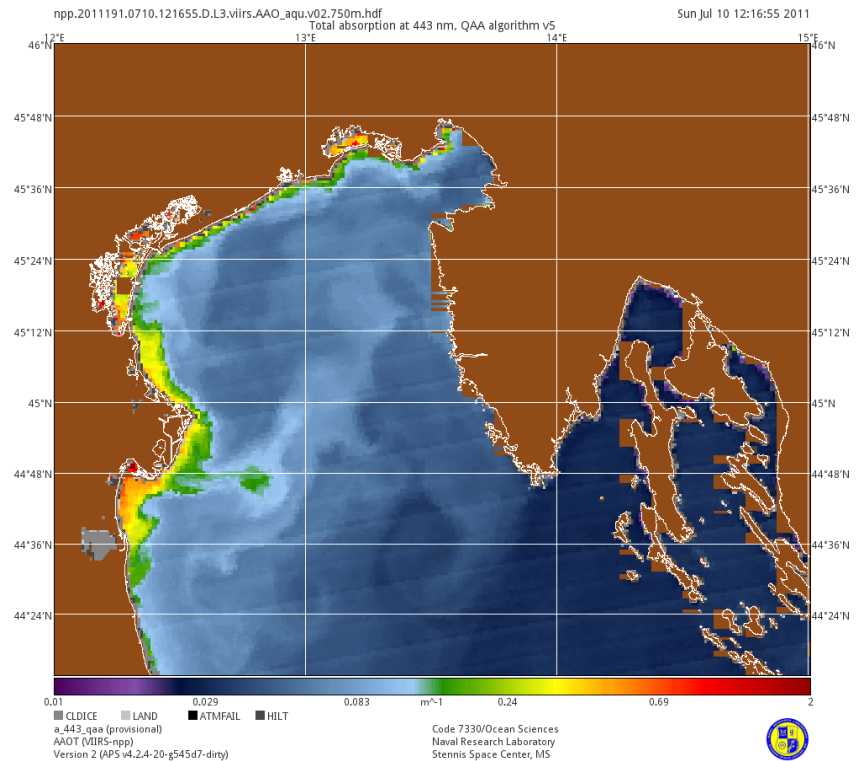
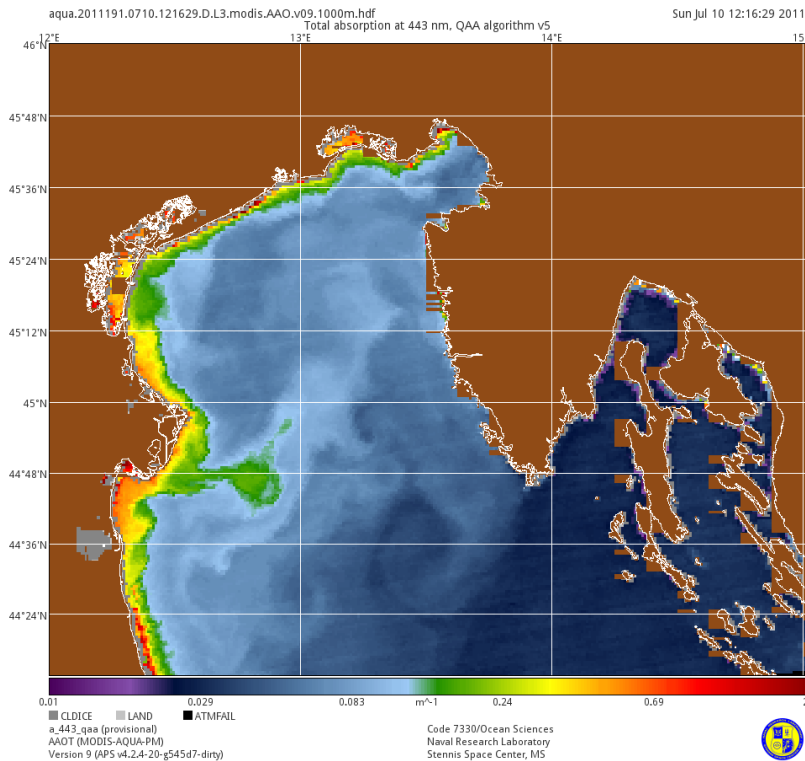


(VIIRS - MODIS)/MODIS
Chlorophyll-a (mg m^{-3})
Percentage Difference

MODIS has many more high chlor_a values than VIIRS

7/21/11

July 20th, 2011

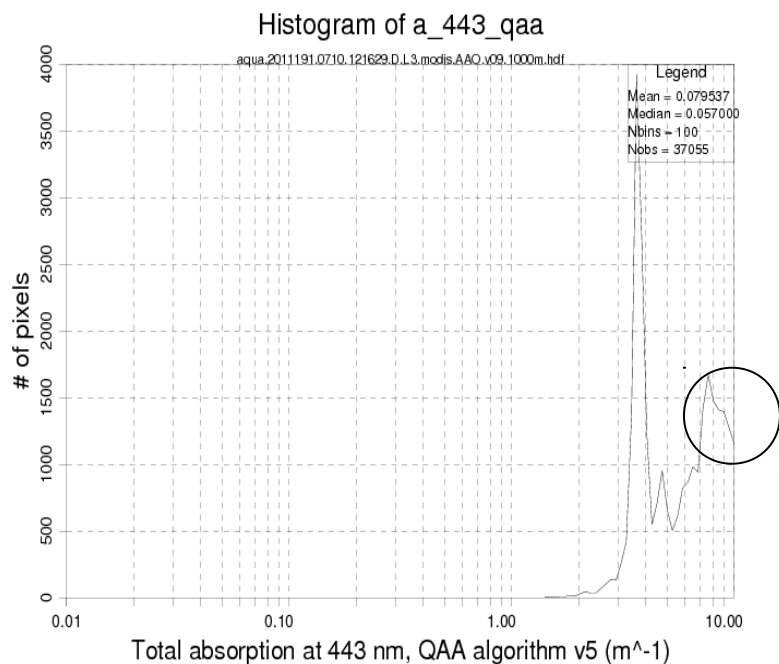


MODIS/Aqua
Total Absorption (m^{-1})
QAA Algorithm

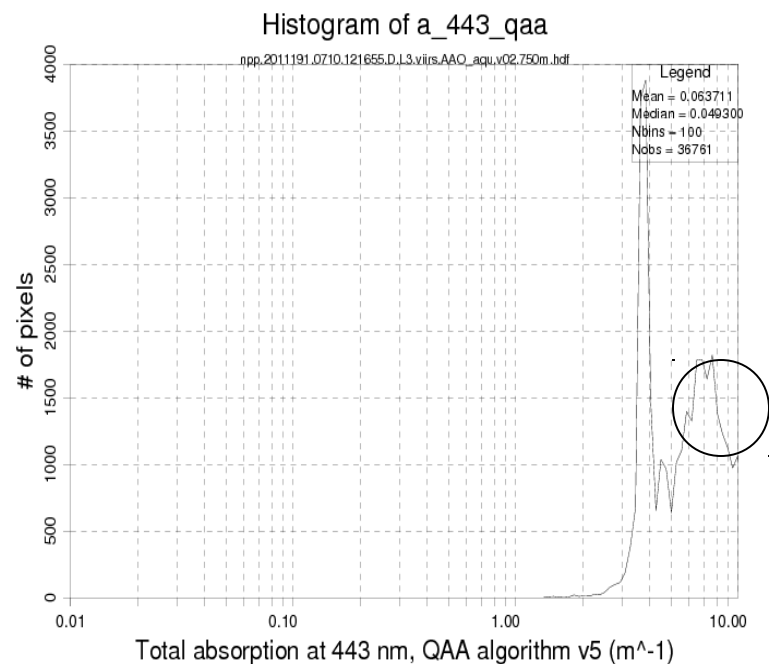
VIIRS
Total Absorption (m^{-1})
QAA Algorithm

7/21/11

July 20th, 2011



MODIS/Aqua
Total Absorption (m^{-1})
QAA Algorithm

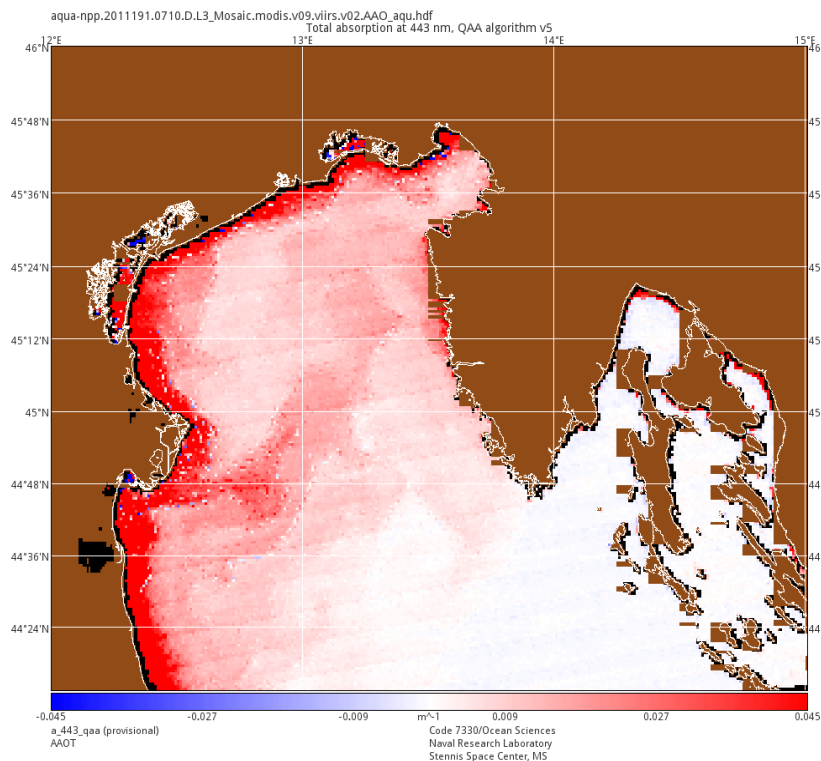


VIIRS
Total Absorption (m^{-1})
QAA Algorithm

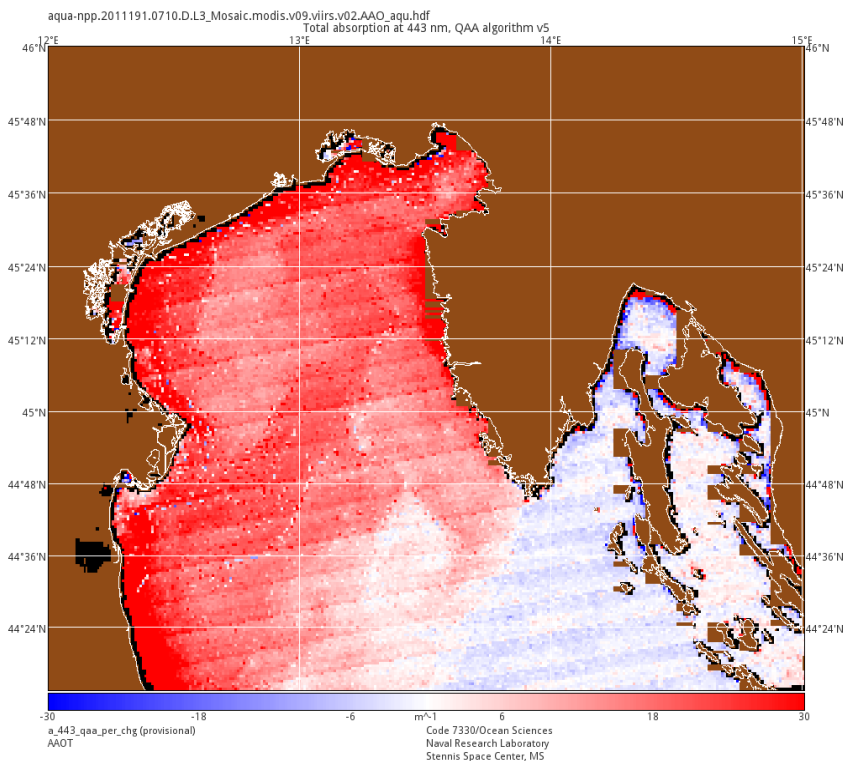
MODIS has many more high absorption values than VIIRS

7/21/11

July 20th, 2011



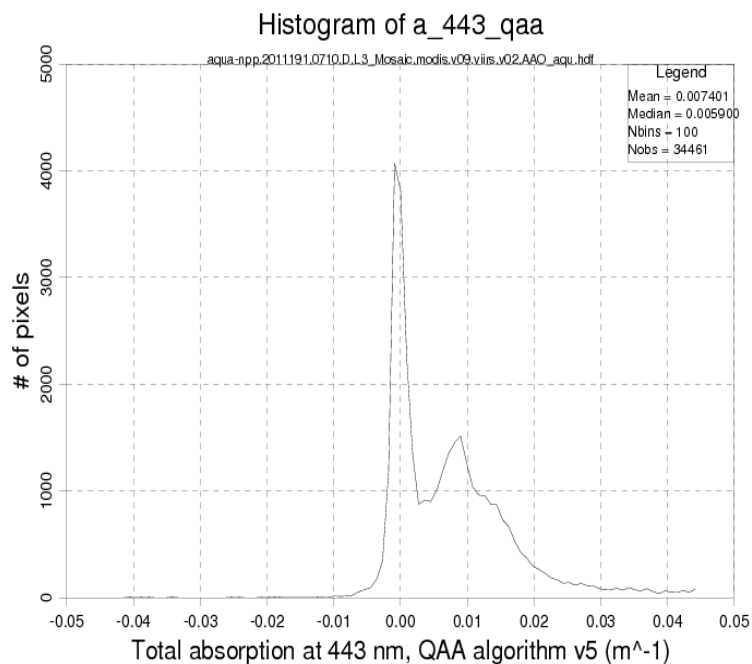
VIIRS - MODIS/Aqua
Total Absorption (m^{-1})
Simple Difference



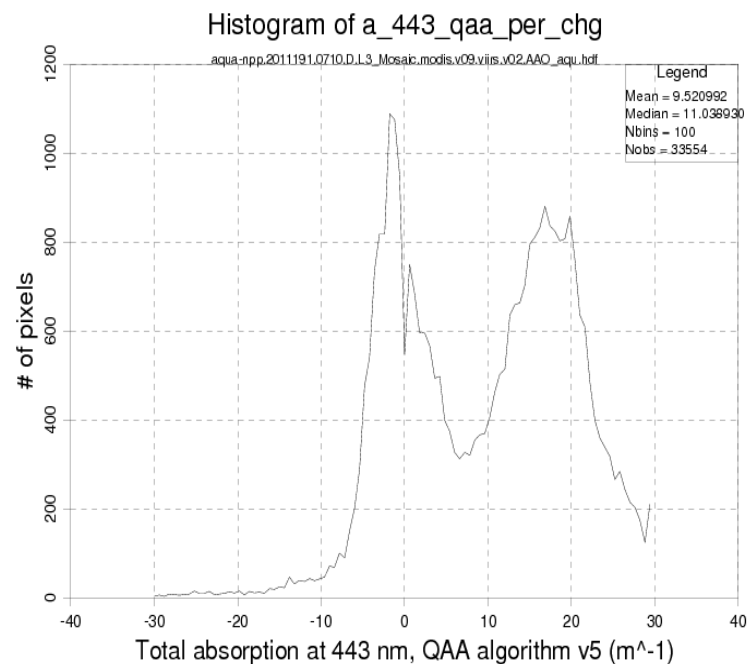
(VIIRS - MODIS)/MODIS
Total Absorption (m^{-1})
Percentage Difference

7/21/11

July 20th, 2011



VIIRS - MODIS/Aqua
Total Absorption (m^{-1})
Simple Difference

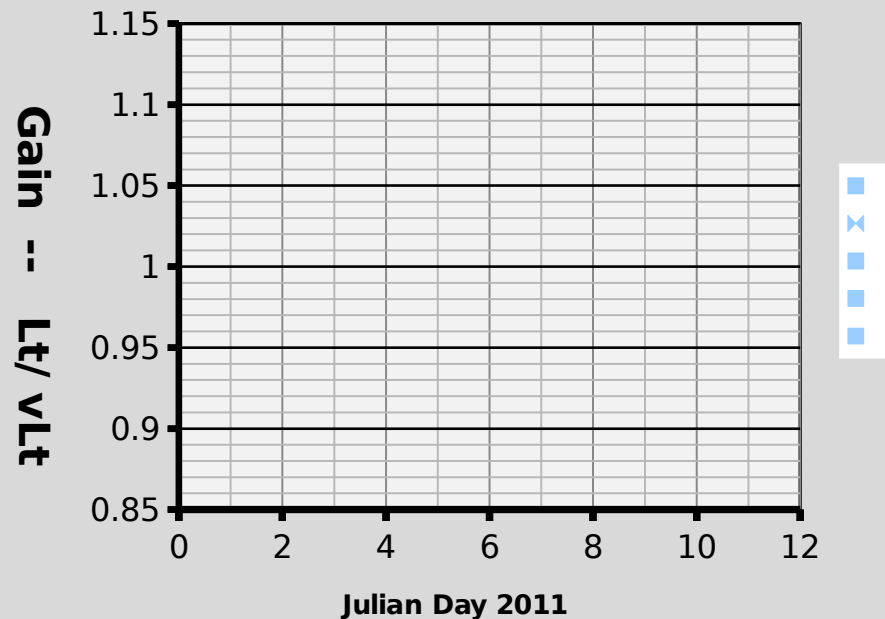


(VIIRS - MODIS)/MODIS
Total Absorption (m^{-1})
Percentage Difference

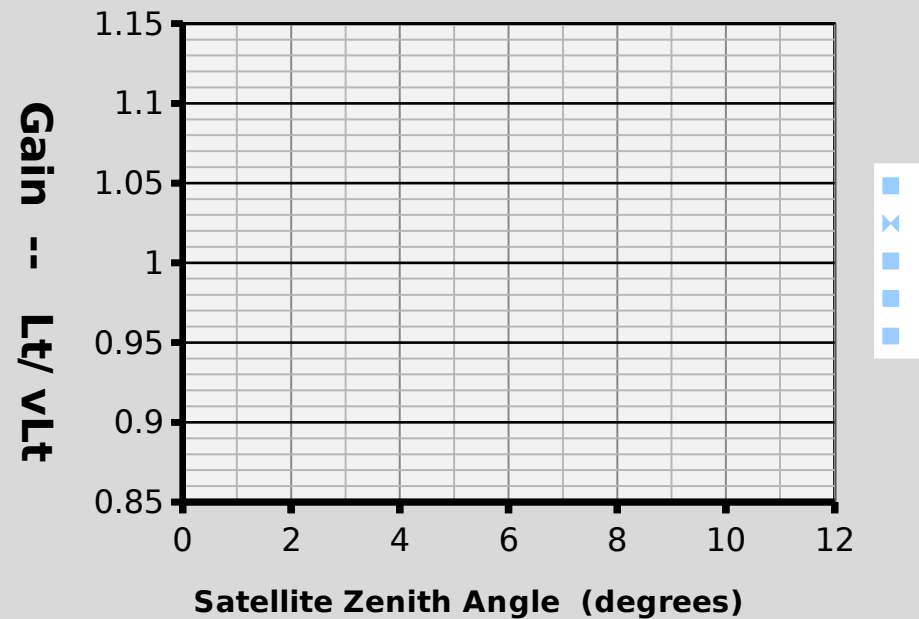
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Probability Distribution of the Difference

Top of Atm - Vicarious Adjustment
AAOT - Aeronet VIIRS



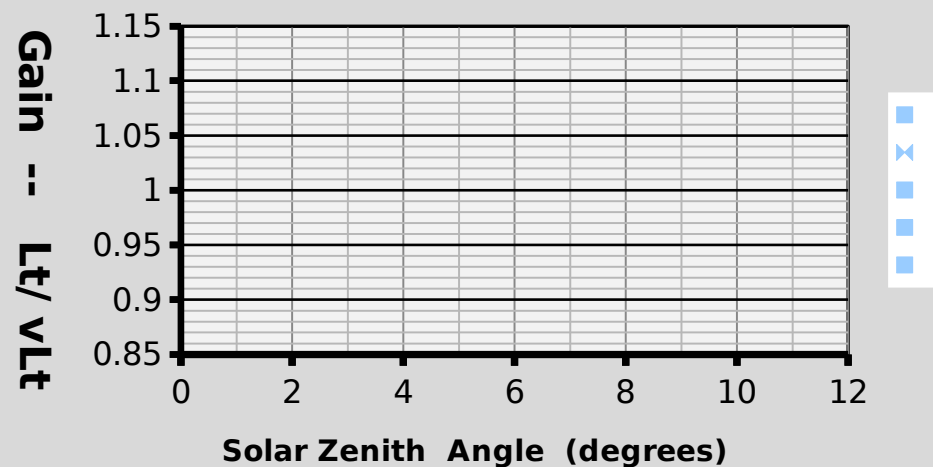
Top of Atm - Vicarious Adjustment
AAOT - Aeronet VIIRS



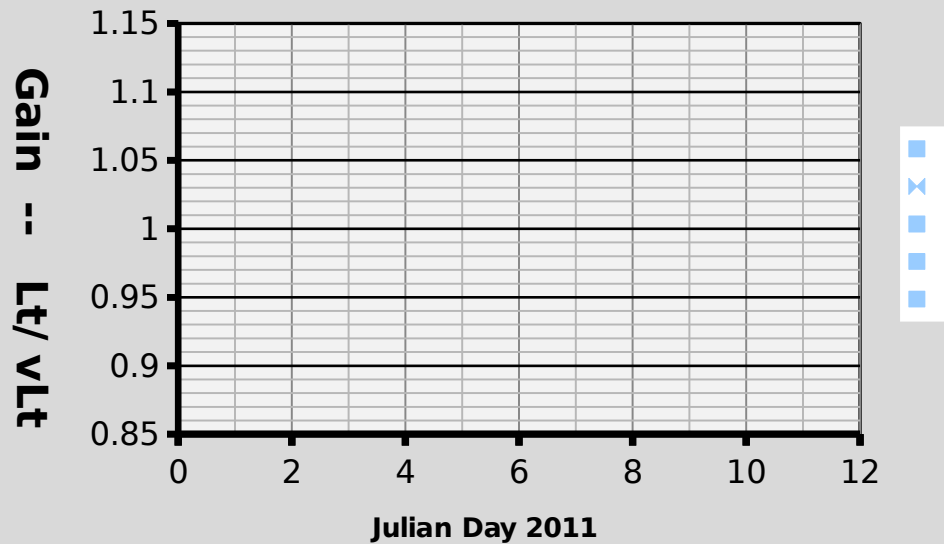
VIIR
S

7/21/11

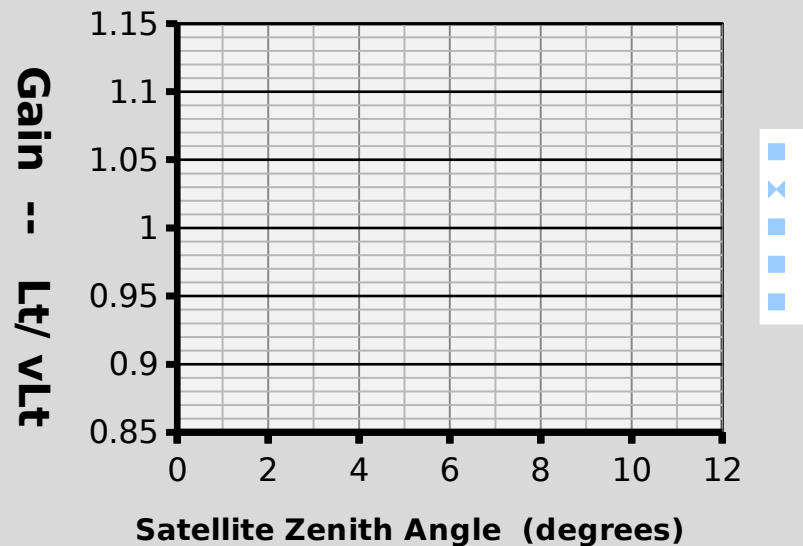
Top of Atm - Vicarious Adjustment
AAOT - Aeronet VIIRS



Top of Atm - Vicarious Adjustment
AAOT - Aeronet MODIS



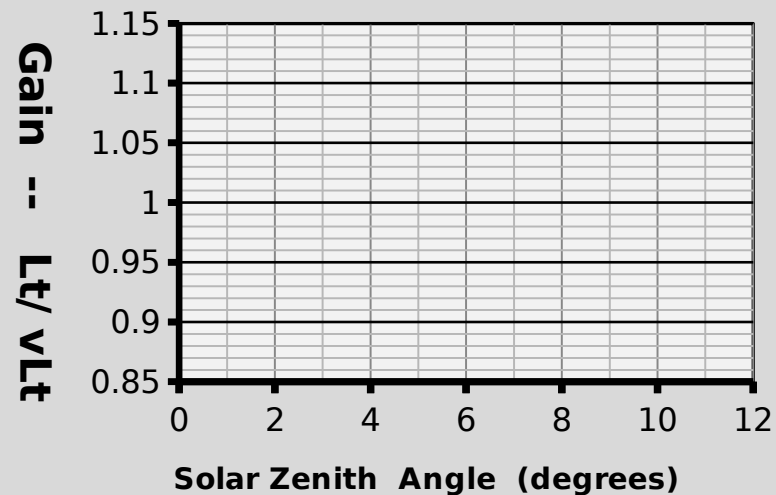
Top of Atm - Vicarious Adjustment
AAOT - Aeronet MODIS



MODIS

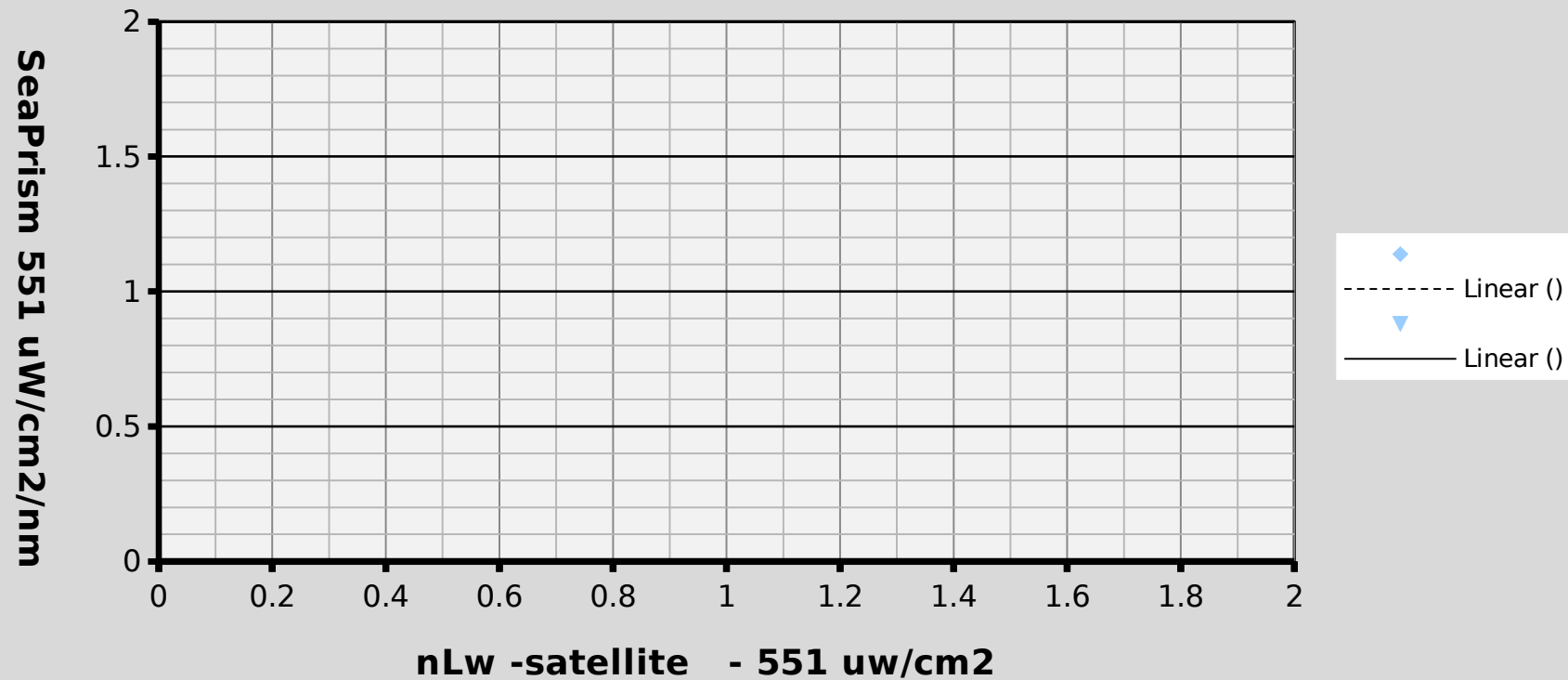
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Top of Atm - Vicarious Adjustment
AAOT - Aeronet MODIS



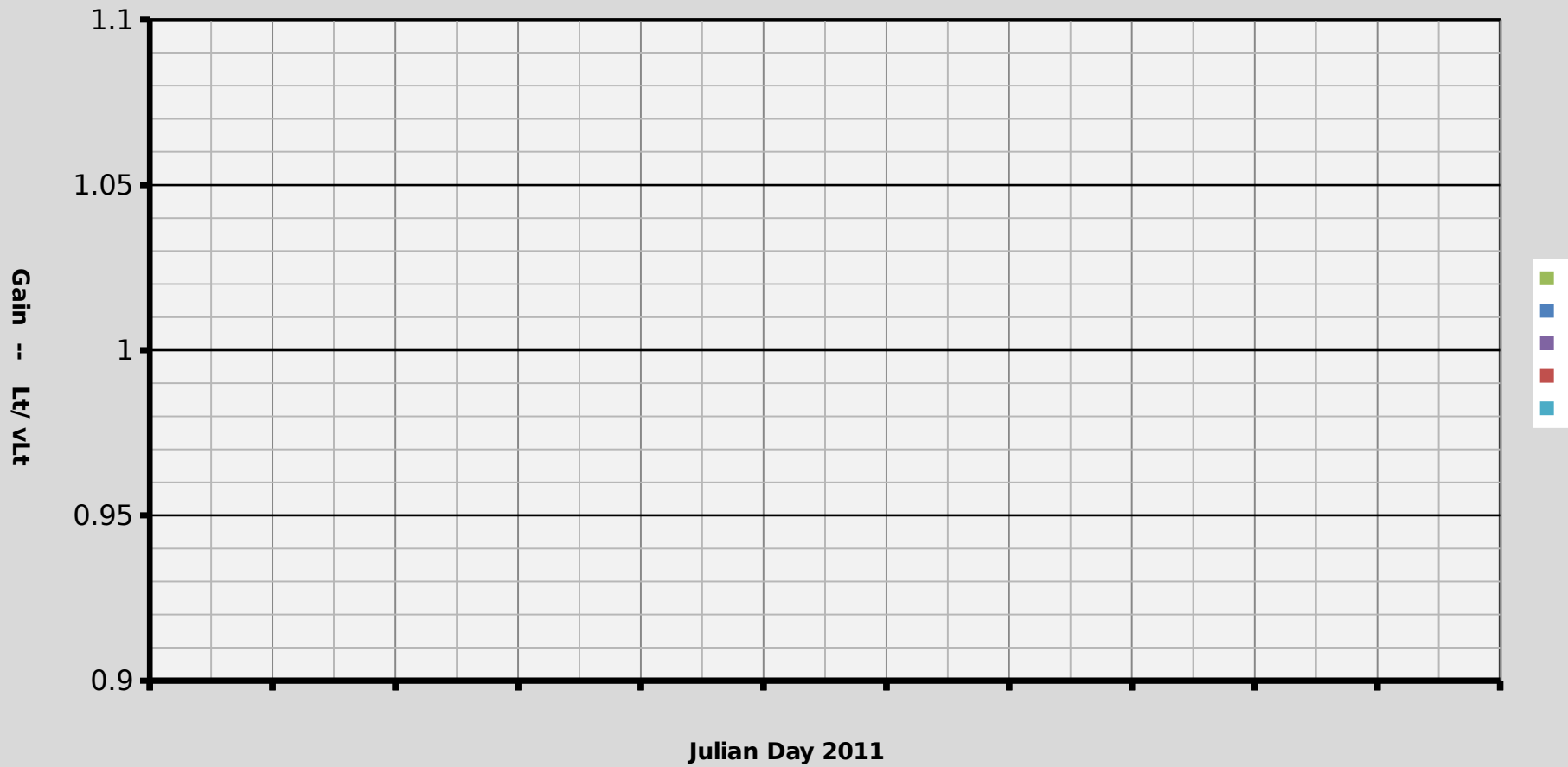
$f(x) =$
 $R^2 = 0$

nLw - Matchup 551 MODIS and VIIRS and SeaPrism - AAOT



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**Top of Atm - Vicarious Adjustment
AAOT - Aeronet MODIS**



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